



TD

PATENT
Customer No. 22,852
Attorney Docket No. 09812.0534-00000 (Formerly 450118-02396)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Yasunari IKEDA et al.)
Application No.: 09/936,153) Group Art Unit: 2637
Filed: January 18, 2002) Examiner: Edith M. Chang
For: **DIGITAL BROADCAST**
RECEIVING APPARATUS) Confirmation Number: 9213

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY AND GRANT OF
NEW POWER OF ATTORNEY WITH CHANGE OF CORRESPONDENCE ADDRESS**

Enclosed is a Revocation of Original Power of Attorney and Grant of New Power of Attorney for filing in the U.S. Patent and Trademark Office. Please associate the enclosed Revocation and Grant of Power of Attorney with this file. Please also note that the Attorney Docket Number for this application is now **09812.0534-00000**.

If there is any other fees due in connection with the filing of this paper, please charge the fees to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

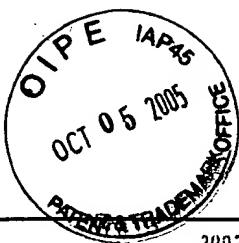
By: /David W. Hill/
David W. Hill
Reg. No. 28,220

DATED: October 5, 2005

DWH/FPD/alp
Enclosures



UNITED STATES
PATENT AND
TRADEMARK OFFICE



MARCH 28, 2002

2002 AF 2 A 10:59
PTAS

Chief Information Officer
Washington, DC 20231
www.uspto.gov

FROMMER LAWRENCE & HAUG LLP
WILLIAM S. FROMMER
745 FIFTH AVENUE
NEW YORK, NY 10151

FROMMER
& HAUG, LLP



101969093A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/18/2002

REEL/FRAME: 012527/0590
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
IKEDA, YASUNARI

DOC DATE: 11/20/2001

ASSIGNEE:
HYAKUDAI, TOSHIHISA

DOC DATE: 11/28/2001

ASSIGNEE:
OKADA, TAKAHIRO

DOC DATE: 11/21/2001

ASSIGNEE:
IKEDA, TAMOTSU

DOC DATE: 11/22/2001

ASSIGNEE:
SONY CORPORATION
7-35 KITASHINAGAWA 6-CHOME
SHINAGAWA-KU, TOKYO, JAPAN 141-0001

SERIAL NUMBER: 09936153
PATENT NUMBER:

FILING DATE: 01/18/2002
ISSUE DATE:

DOCKETED

012527/0590 PAGE 2

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02/04/2002

PLH Ref. No.: 450118-02396



To the Honorable Comm.

101969093

COVER SHEET
ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Items and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Yasunari IKEDA, Toshihisa HYAKUDAI, Takahiro OKADA, Tamotsu IKEDA

118-02

2. Name and address of receiving party(ies)

Name: SONY CORPORATION
7-35 Kitashinagawa 6-chome
Shinagawa-Ku, Tokyo 141-0001, JapanAdditional name(s) of conveying party(ies) attached?
 Yes NoAdditional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment
 Security Agreement
 Merger
 Change of Name
 Other

Execution Date: November 20, November 28, November 21 and
November 22, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of
the application is:

A. Int'l Patent Application No.(s) PCT/JP00/01482 (USSN 09/936,153) filed 10 March 2000

Additional numbers attached? Yes No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: WILLIAM S. FROMMER

Internal Address: FROMMER LAWRENCE & HAUG LLP

Street Address: 745 FIFTH AVENUE

City: NEW YORK State: N.Y. Zip: 10151

6. Total number of applications and
patents involved 1

7. Total fee (37 CFR 3.41) \$ 40.00

 Enclosed Authorized to be charged to
deposit account 50-03208. Deposit account number:
(Attach duplicate copy of this page if paying by deposit
account)

Do not use this space

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true
copy of the original document.

Glenn F. Savit

Name of Person Signing

Signature

December 21, 2001

Date
Total number of pages including cover
sheet, attachments, and document: 3

02/01/2002 DBYRME 00000143 09936153

01 FC:581

40.00 OP

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

DIGITAL BROADCAST RECEIVING APPARATUS

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, SONY CORPORATION, a Japanese corporation, with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141, Japan (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: International Serial Number: PCT/JP00/01482, International Filing Date: 10 March 2000.

This assignment executed on the dates indicated below.

Yasunari IKEDA

Name of first or sole inventor

Kanagawa, Japan

Residence of first or sole inventor

Execution date of U.S. Patent Application

Nov. 20, 2001

Signature of first or sole inventor

Date of this assignment

Toshihisa HYAKUDAI

Name of second inventor

Execution date of U.S. Patent Application

Chiba, Japan

Residence of second inventor

Nov. 28, 2001

Signature of second inventor

Date of this assignment

Takahiro OKADA

Name of third inventor

Execution date of U.S. Patent Application

Saitama, Japan

Residence of third inventor

November 21, 2001

Signature of third inventor

Date of this assignment

ADDITIONAL INVENTORS

Tamotsu IKEDA

Name of fourth inventor

Tokyo, Japan

Residence of fourth inventor

Tamotsu Ikeda

Execution date of U.S. Patent Application

Signature of fourth inventor

November 22, 2001

Date of this assignment